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MATERIALS AND METHODS FOR NEAR-INFRARED AND

INFRARED INTRAVASCULAR IMAGING

FIGURE 1A

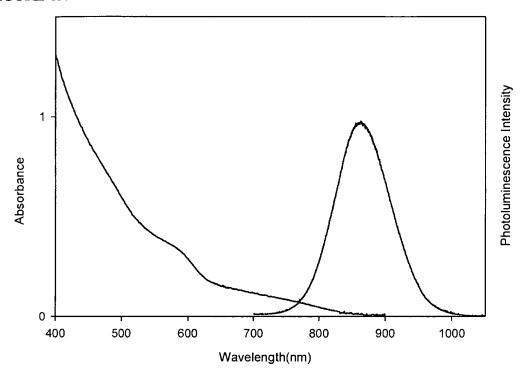
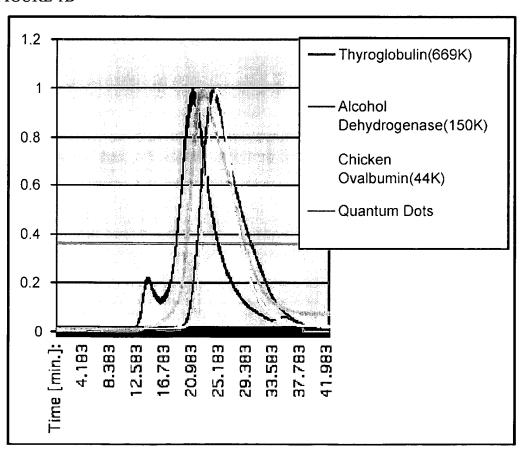


FIGURE 1B

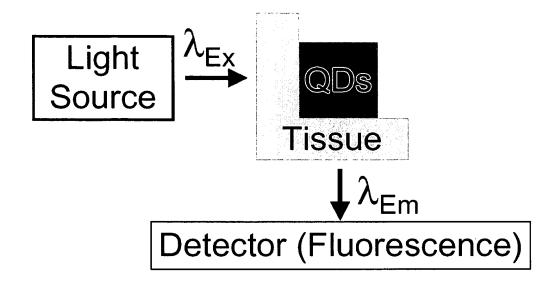


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Α.



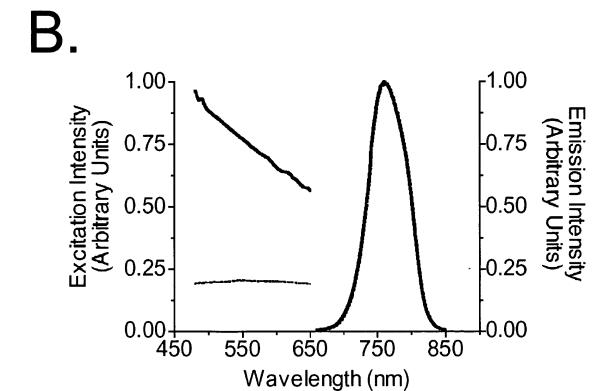
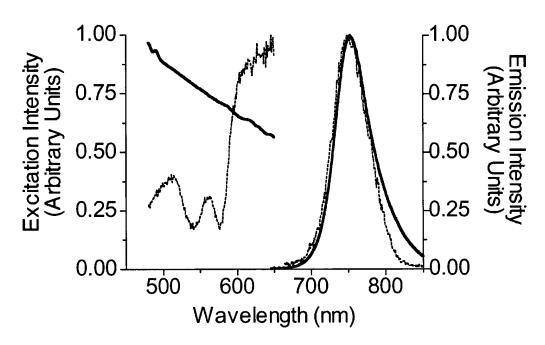


FIGURE 2

MATERIALS AND METHODS FOR NEAR-INFRARED AND

INFRARED INTRAVASCULAR IMAGING





D.

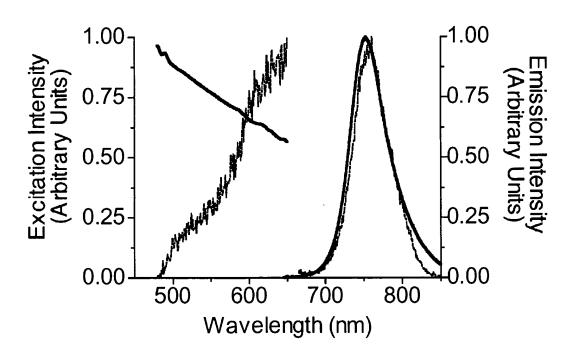


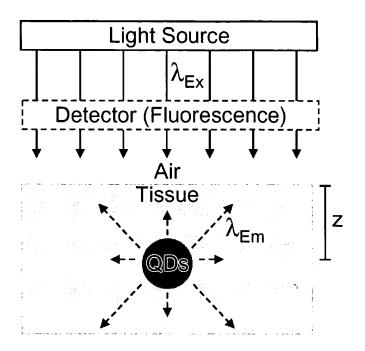
FIGURE 2 (cont.)

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MATERIALS AND METHODS FOR NEAR-INFRARED AND

INFRARED INTRAVASCULAR IMAGING

A.



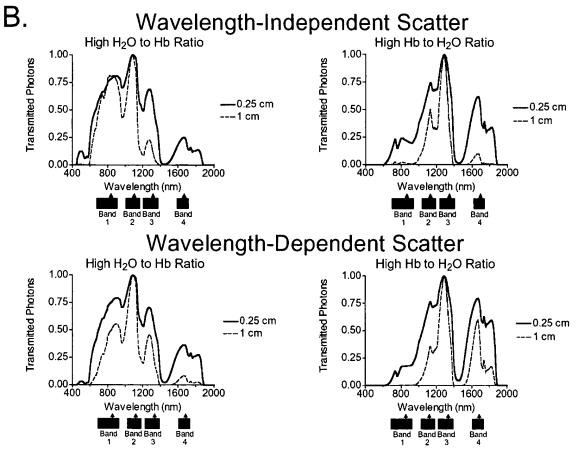


FIGURE 3

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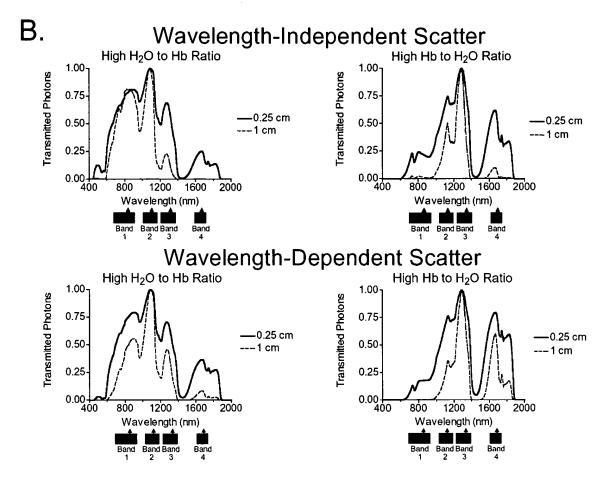


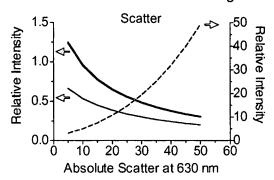
FIGURE 4

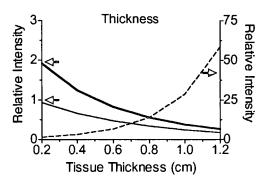
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MATERIALS AND METHODS FOR NEAR-INFRARED AND
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A.

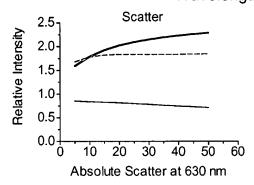
High H₂O to Hb Ratio

Wavelength-Independent Scatter





Wavelength-Dependent Scatter



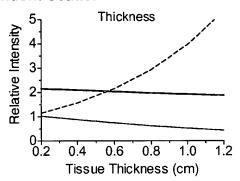


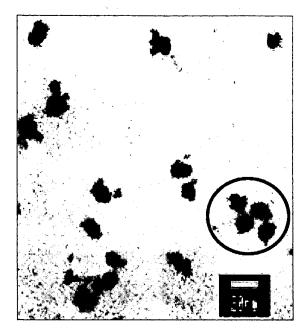
FIGURE 5

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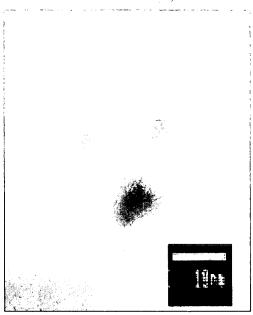


FIGURE 6

Serum Stability at 37⁰C

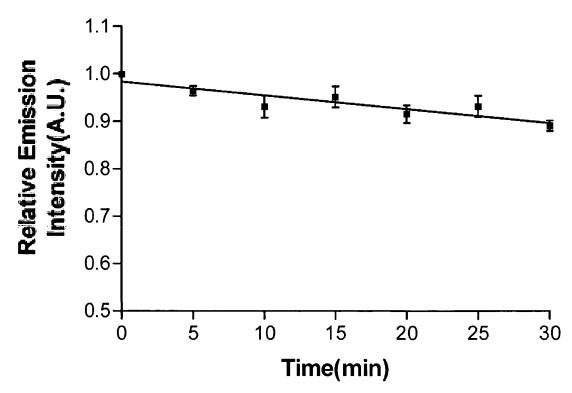


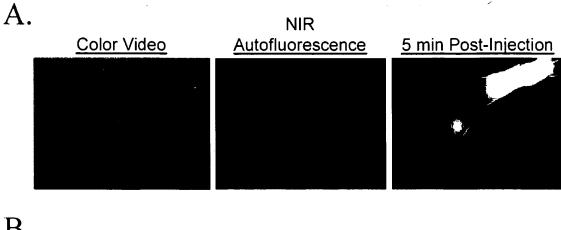
FIGURE 7

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B. 5 min Post-Injection Color Video

FIGURE 8

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MATERIALS AND METHODS FOR NEAR-INFRARED AND INFRARED INTRAVASCULAR IMAGING

| | Color Vid o | NIR Fluorescence | Color/NIR Merge |
|---------------------------------|---|------------------|-----------------|
| Autofluorescence | | | |
| Time of Injection | | | |
| 2 min Post-Injection | | .€ | |
| I.D. of Sentinel Node | | 7 | |
| lmage-Guided Resection | | | |
| Inspection of Resection Site | ` \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | |
| | | | |

FIGURE 9

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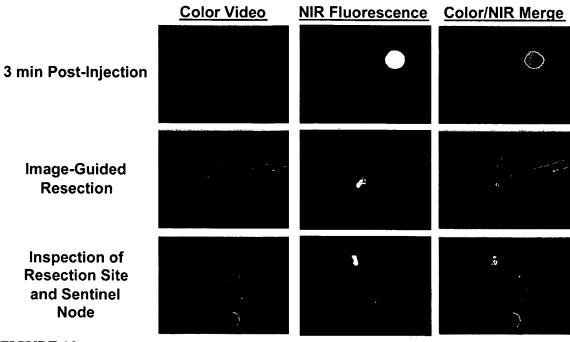


FIGURE 10